

Converting Colors

XYZ(41.7912, 41.9685, 56.2864)

Have a look what the booklet for
XYZ(41.7912, 41.9685, 56.2864)
contains.

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Color

**XYZ(41.8677, 42.0900,
56.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABC1
RGB	175, 171, 193
RGB Percent	69%, 67%, 76%
CMY	0.3137, 0.3294, 0.2431
CMYK	0.09, 0.11, 0.00, 0.24
HSL	251°, 15%, 71%
HSV	251°, 11%, 76%
XYZ	41.8677, 42.0900, 56.3696
YIQ	174.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

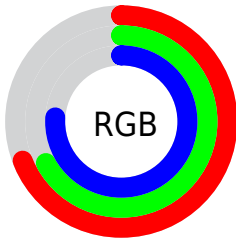
Format	Color
RYB	175, 171, 193
Decimal	11512769
CIELab	70.93, 5.73, -10.71
CIELCh	71, 12.143, 298.139
Yxy	42.0900, 0.2984, 0.2999
Android (android.graphics.Color)	4289702849 (0xFFAFABC1)
YUV	174.7040, 9.0199, 0.2596
Hunter-Lab	64.8768, 1.6591, -6.1016

Details

The XYZ color **41.8677, 42.0900, 56.3696** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.4085, 51.9001, 46.0491**, and the grayscale version is **40.5522, 42.6641, 46.4612**.

A 20% lighter version of the original color is **77.2502, 78.2212, 100.6492**, and **19.2831, 19.1953, 27.1148** is the 20% darker color. If you saturate the color by 10%, you get **35.1455, 33.6031, 55.0864**, and if you desaturate by 10%, it is **49.5393, 51.8588, 57.8515**.

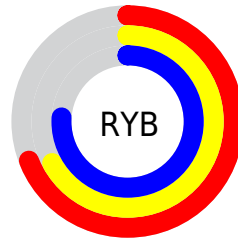
Distribution



Red (69%)

Green (67%)

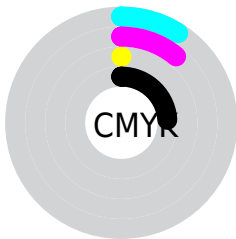
Blue (76%)



Red (69%)

Yellow (67%)

Blue (76%)

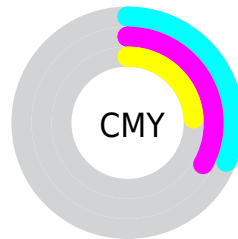


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8677, 42.0900, 56.3696 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.8677, 42.0900, 56.3696 by changing the saturation by 10% instead.

■ 41.8677, 42.0900,
56.3696

■ 41.8677, 42.0900,
56.3696

344.9352,
354.8559, 428.5103

■ 29.1884, 29.1718,
40.0933

■ 77.2658, 78.3358,
101.0359

■ 19.3684, 19.2108,
27.2970

100.7152,
102.4322, 130.2631

■ 12.0423, 11.8227,
17.5620

128.4854,
131.0234, 164.6444

■ 6.8449, 6.6231,
10.4698

160.9417,
164.4939, 204.5982

■ 3.4108, 3.2275,
5.6019

198.4495,
203.2279, 250.5432

■ 1.3745, 1.2516,
2.5397

241.3741,

■ 0.2380, 0.1033,

247.6100, 302.8978

0.8611

290.0809,
298.0246, 362.0807

■ 0.0000, 0.0000,
0.0000

■ 41.8677, 42.0900,
56.3696

■ 41.8677, 42.0900,
56.3696

■ 35.1455, 33.6031,
55.0864

■ 49.5393, 51.8588,
57.8515

■ 29.3317, 26.3394,
53.9908

■ 58.1917, 62.9543,
59.5371

■ 24.3880, 20.2437,
53.0748

■ 67.8593, 75.4257,
61.4348

■ 20.2715, 15.2544,
52.3287

■ 78.5740, 89.3180,
63.5515

■ 16.9361, 11.3042,
51.7420

■ 86.2462, 96.4346,
64.5208

■ 14.3306, 8.3182,
51.3030

■ 86.6258, 96.6303,
64.5386

■ 12.3976, 6.2114,
50.9982

■ 11.0704, 4.8835,
50.8119

■ 10.3214, 4.2089,
50.7211

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.8791, 42.0900, 57.8876



41.8677, 42.0900, 56.3696



43.4004, 42.0900, 51.9637

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.8677, 42.0900, 56.3696



42.0937, 42.0900, 37.0044



36.2425, 42.0900, 45.4680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.8677, 42.0900, 56.3696



47.4085, 51.9001, 46.0491

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.7920, 42.0900, 40.1969



41.8677, 42.0900, 56.3696



40.1317, 42.0900, 35.5731

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.8677, 42.0900, 56.3696



43.5339, 42.0900, 40.7739



38.1989, 42.0900, 36.6916



36.6727, 42.0900, 51.2853

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.8677, 42.0900, 56.3696



43.9336, 42.0900, 48.1567



38.1989, 42.0900, 36.6916



36.3184, 42.0900, 43.5772

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.8690, 42.0918, 56.3705



86.3387, 89.8314, 103.1490



44.6910, 49.0481, 57.5645



18.2748, 18.9556, 22.0809



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8690, 42.0918, 56.3705



71.4198, 70.8678, 100.2749



44.3587, 43.3753, 56.4871



9.6953, 9.8341, 12.6720



6.9144, 2.8249, 33.7375



0.3520, 0.1495, 1.4602

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.7420, 44.1392, 54.2551



79.9267, 75.3665, 95.5585



44.8587, 50.5857, 45.9298



10.4162, 10.2151, 12.2824



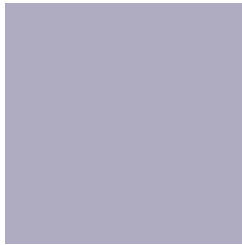
18.7552, 9.1918, 22.4208



0.8313, 0.4055, 1.0790

Previews

White Background



This preview shows how the XYZ color 41.8677, 42.0900, 56.3696 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.8677, 42.0900, 56.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

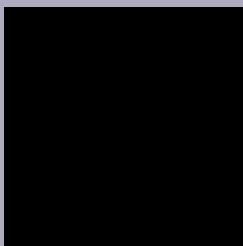
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8677, 42.0900, 56.3696

Background



This preview shows how black text looks on a background with the XYZ color 41.8677, 42.0900, 56.3696.



This preview shows how white text looks on a background with the XYZ color 41.8677, 42.0900,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.8677, 42.0900, 56.3696

Protanopia

41.2847, 42.0580, 56.9810

Deuteranopia

42.8697, 42.0499, 56.3091



Tritanopia

41.0710, 42.0489, 52.4059

Trichromacy



Original Color

41.8677, 42.0900, 56.3696

Protanomaly

41.5034, 42.1707, 56.9912

Deuteranomaly

42.5908, 42.1834, 56.3495

Tritanomaly

41.3934, 42.1778, 54.1036

Monochromacy



Original Color

41.8677, 42.0900, 56.3696

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2587, 42.7635, 50.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8677, 42.0900, 56.3696 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 171, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 171, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.8677, 42.0900, 56.3696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 171, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 171, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 171, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8677, 42.0900, 56.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
171, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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